

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Julian D. Breckenridge

GENERAL INFORMATION:

Name:	R.T. Vanderbilt Company, Inc.- Vanderbilt Chemical & Minerals -Murray Division
Address:	396 Pella Way Murray, KY 42071
Date application received:	9/6/2006
SIC Code/SIC description:	2869 & 3295, Organic Chemical Mfg. & Non-metallic Mineral Processing
Source ID:	21-035-00008
Source A.I. #:	520
Activity ID:	APE20060003
Permit:	V-02-011 R1

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

PERMIT MINOR REVISION (V-02-011 R1)

<b><u>Pollutant</u></b>	<b><u>Actual (tpy)</u></b>	<b><u>Potential (tpy)</u></b>
CO	1.25	8.31
NO <sub>2</sub>	5.48	34.8
PM <sub>10</sub>	30.7	105.9
PT	30.9	145.3
SO <sub>2</sub>	0.412	1.57
VOC	101.7	511.6
<u>Single HAP</u>		
Carbon Disulfide	0.355	30.7
Hydrazine	0.0000093	0.00134
Isopropanol	0.646	12.4
Tert-Butyl Alcohol	0.0036	4.38
Other HAPs	0.435	0.367
<u>Combined HAPs</u>	1.44	47.8

**SOURCE DESCRIPTION:**

The facility name was changed to R.T. Vanderbilt Company, Inc. – Vanderbilt Chemical & Vanderbilt Minerals – Murray Division due to a recent administration amendment on December 5, 2006. Vanderbilt Chemical Corporation had submitted an application for a permit minor revision to the Division of Air Quality on September 6, 2006. The revision is for construction of a new diesel fuel tank with a maximum volume of approximately 500 gallons. The tank is specifically designed and constructed for fuel storage. This revision is classified as an insignificant activity and therefore will not change the source-wide emissions to violate any applicable requirements under Title V program.

**EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

None

**OPERATIONAL FLEXIBILITY:**

None